Type	Lamp	Weight kg	Ordering number
Luminaires with polyester canopy with gear			
FGS 203/042	PL-T/4P 42W	4.4	9105 000 90818
HGS 203/080-125G	HPL-N 80W/125W	5.5	9105 000 46318
KGS 203/55/84	QL 55W	5.4	9105 000 41818
SGS 203/050G	SON 50W I	5.4	9105 000 41918
SGS 203/070G	SON 70W I	5.7	9105 000 49818
SGS 203/070G SN	SON(-T) PLUS 70W	5.7	9105 000 42618
SGS 203/100G SN	SON(-T) PLUS 100W	6.6	9105 000 43318
SGS 203/150G SN	SON(-T) PLUS 150W	6.9	9105 000 43918
MGS 203/070G SN	CDM-T 70W	5.7	9105 000 94218
MGS 203/150G SN	CDM-T 150W	6.9	9105 000 94318
Luminaires with aluminium canopy with gear			
FGS 403/042	PL-T/4P 42W	5.4	9104 018 10218
HGS 403/080-125G	HPL-N 80W/125W	6.5	9105 002 95718
KGS 403/055/84	QL 55W	6.4	9105 002 95318
SGS 405/050G	SON 50W I	6.4	9104 018 11818
SGS 403/070G	SON 70W I	6.7	9105 002 95818
SGS 403/070G SN	SON (-T PLUS) 70W	6.7	9105 002 95018
SGS 403/100G SN	SON (-T PLUS) 100W	7.6	9105 002 95518
SGS 403/150G SN	SON (-T PLUS) 150W	7.9	9105 002 94818
MGS 403/070G SN	CDM-T 70W	6.7	9104 018 10318
MGS 403/150G SN	CDM-T 150W	7.9	9104 018 11718
Luminaires with polyester canopy with empty gear tray			
H/SGS 203/E27		4.1	9105 000 45418
SGS 203/E40		4.2	9105 000 45318
Luminaires with aluminium canopy with empty gear tray			
H/SGS 403/E27		5.1	9104 018 11618
SGS 403/E40		5.2	9104 018 11518
Mounting brackets			
ZGP 34 (34 mm)		0.3	9191 131 22881
ZGP 42-48 (42-48 mm)		0.3	9119 114 00518
ZGP 60 (60 mm)		0.3	9119 114 00618
ZGP 76 (76 mm post top)		0.5	9119 114 00718

All units are equipped with 230V/50Hz gear. Other voltages. Self-stopping ignitors. Dimming gear.
Photocell and/or Class II versions are available on request.

H/SGS 203

Low-power, modular luminaires in contemporary style giving quality lighting for safe and comfortable driving and for area illumination with low energy and maintenance costs. Grey glass-fibre reinforced polyester or high-pressure diecast aluminium canopy, choice of high impact resistant UV stablized polycarbonate bowl or minimal-glare flat security glass. Choice of lamps includes extra-long-life QL, PL-T, high-pressure mercury high-pressure sodium and mastercolour.

Main applications
- Residential areas
- Car parks
- Major roads
- Secondary roads
- Local roads
- Industrial areas
- Roundabouts

Features
- Dedicated optics optimize beam control and maximize light output. Light distribution designed to take full advantage of the luminance design system. Five different reflector positions allow precise control of beam direction.
- Flexible mounting capability, with special brackets for side entry or top mounting on mast arms with 34, 42-48 or 60 mm spigots, or for mast tops with 76 mm spigots.
- Choice of vandal- and UV-stabilised polycarbonate bowl or minimal-glare flat glass
- Choice of lighting quality and running costs with HPL-N or HPL-COMFORT lamp up to 125W, SON or SON-T PLUS up to 150W, CDM-T 70 or 150W, QL 55W lamp, and PL-T/4P 42W.
- Models with self-stopping ignitor and/or NEMA socket for photocell switching, and/or dimming gear for SON(-T) lamps available on request.
- High-strength, completely sealed construction resistant to weather and impact, for long service life and low repair and maintenance costs. Class I insulation (Class II for extra safety on request).
- Fast installation and easy maintenance from above by opening the housing with a single quick-release clip. Gear tray plugs in to allow fast replacement.

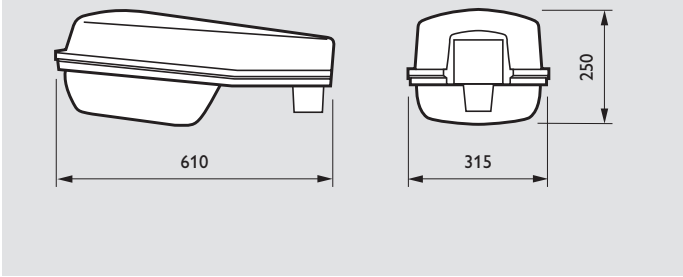
Materials and finish
Racket frame in non-corrosive diecast aluminium; canopy in grey, glass-fibre reinforced UV-stabilized polyester or non-corrosive diecast aluminium; polycarbonate bowl or toughened flat glass; reflector in metalized high-purity aluminium.

Installation and mounting
Fix to any side entry or mast top spigot from 34 to 60 mm, or mast top spigot of 76 mm.

Accessories
Dual-purpose mounting brackets.

lamp compartment IP 65
luminaire
gear compartment IP 43
(on request)

Dimensions in mm

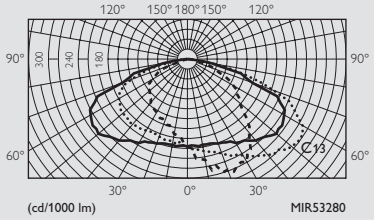


Photometrics of 203/403 are identical and will be referred to as 203

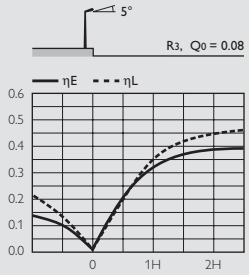
HGS 203/125 B POS.3 TO

	I80	I90
C0	51.0	3.0
C15	55.0	2.0

L.O.R. = 0.76



(cd/1000 lm) MIR53280



1 x HPL-N 125W

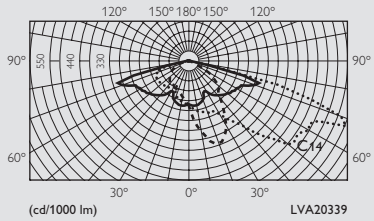
1 x 6.200 lm

H	S	ĒH	Uo	SR	L̄	Uo	UI	TI	L̄	Uo	UI	TI	L̄	Uo	UI	TI
(m)	(m)	(lux)			(cd/m²)			(%)	(cd/m²)			(%)	(cd/m²)			(%)
6	18	20	0.47	0.44	1.4	0.43	0.91	4.4	1.3	0.44	0.91	8.7	1.4	0.59	0.60	5.4
6	21	17	0.43	0.44	1.2	0.43	0.78	4.7	1.1	0.44	0.78	9.3	1.2	0.52	0.52	5.5
6	24	15	0.36	0.44	1.0	0.40	0.66	4.9	1.0	0.40	0.66	9.9	1.0	0.48	0.43	5.7
6	27	13	0.30	0.44	0.9	0.35	0.55	5.2	0.9	0.35	0.55	10.4	0.9	0.42	0.34	5.9
6	30	12	0.25	0.44	0.8	0.32	0.46	5.6	0.8	0.32	0.46	11.1	0.8	0.37	0.28	6.2

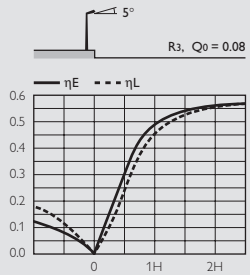
SGS 203/070T B POS.3

	I80	I90
C0	19.6	2.0
C15	19.6	2.9

L.O.R. = 0.82



(cd/1000 lm) LVA20339



1 x SON-T PLUS 70W

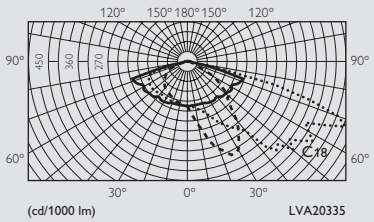
1 x 6.600 lm

H	S	ĒH	Uo	SR	L̄	Uo	UI	TI	L̄	Uo	UI	TI	L̄	Uo	UI	TI
(m)	(m)	(lux)			(cd/m²)			(%)	(cd/m²)			(%)	(cd/m²)			(%)
8	24	16	0.43	0.38	1.3	0.45	0.82	6.9	1.1	0.46	0.82	8.9	1.2	0.47	0.70	7.1
8	28	14	0.36	0.38	1.1	0.43	0.81	7.6	1.0	0.45	0.81	10.0	1.0	0.42	0.64	8.1
8	32	12	0.32	0.38	0.9	0.38	0.73	8.4	0.9	0.40	0.73	11.2	0.9	0.40	0.56	8.9
8	36	10	0.28	0.38	0.8	0.35	0.69	9.3	0.8	0.37	0.69	12.0	0.8	0.40	0.48	9.8
8	40	9	0.26	0.38	0.8	0.36	0.60	10.1	0.7	0.37	0.60	13.1	0.7	0.39	0.46	10.6

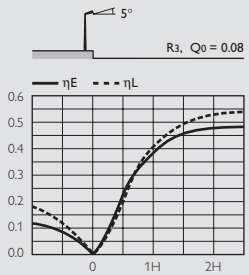
SGS 203/100T B POS.3

	I80	I90
C0	11.0	2.0
C15	14.0	2.0

L.O.R. = 0.80



(cd/1000 lm) LVA20335



1 x SON-T PLUS 100W

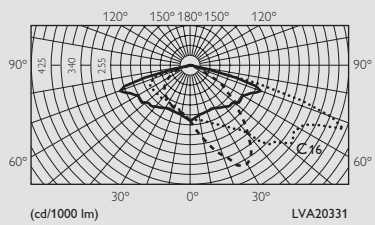
1 x 10.500 lm

H	S	ĒH	Uo	SR	L̄	Uo	UI	TI	L̄	Uo	UI	TI	L̄	Uo	UI	TI
(m)	(m)	(lux)			(cd/m²)			(%)	(cd/m²)			(%)	(cd/m²)			(%)
8	24	22	0.40	0.45	1.6	0.57	0.78	7.7	1.5	0.59	0.78	7.3	1.6	0.52	0.69	7.7
8	28	19	0.32	0.45	1.4	0.56	0.81	8.5	1.3	0.58	0.81	8.3	1.3	0.51	0.67	8.7
8	32	17	0.27	0.45	1.2	0.55	0.80	9.4	1.1	0.57	0.80	9.2	1.2	0.51	0.63	9.7
8	36	15	0.24	0.45	1.1	0.55	0.70	10.3	1.0	0.57	0.70	10.0	1.0	0.43	0.55	10.7
8	40	14	0.20	0.45	1.0	0.46	0.57	11.1	0.9	0.56	0.57	10.8	0.9	0.39	0.47	11.6

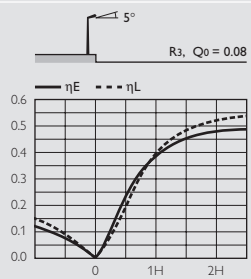
SGS 203/150T B POS.3

	I80	I90
C0	15.0	2.0
C15	16.0	3.0

L.O.R. = 0.78



(cd/1000 lm) LVA20331



1 x SON-T PLUS 150W

1 x 16.500 lm

H	S	ĒH	Uo	SR	L̄	Uo	UI	TI	L̄	Uo	UI	TI	L̄	Uo	UI	TI
(m)	(m)	(lux)			(cd/m²)			(%)	(cd/m²)			(%)	(cd/m²)			(%)
10	30	22	0.44	0.55	1.6	0.60	0.81	6.8	1.5	0.63	0.81	7.8	1.6	0.53	0.62	7.0
10	35	19	0.36	0.55	1.4	0.60	0.78	7.6	1.3	0.63	0.78	8.7	1.3	0.52	0.60	7.8
10	40	16	0.32	0.55	1.2	0.60	0.78	8.2	1.1	0.62	0.78	9.5	1.2	0.46	0.60	8.7
10	45	15	0.28	0.55	1.1	0.59	0.68	9.0	1.0	0.58	0.68	10.3	1.0	0.42	0.52	9.6
10	50	13	0.25	0.55	1.0	0.48	0.57	9.8	0.9	0.52	0.57	11.2	0.9	0.37	0.43	10.5